

CONSTRUCTION SPECIFICATIONS FOR

ACCESS ROAD

(Ft)
Code 560

SCOPE

This item shall include all plans, specifications, and construction operations required for the installation of access roads. Construction operations shall be carried out in such a manner that erosion, air, water, noise pollution will be minimized within legal limits as established by state regulations.

The completed job shall present a workmanlike finish.

Roads shall be planned and laid out according to good landscape management principles.

CLEARING AND GRUBBING

All trees, stumps, roots, brush, weeds, and other objectionable material shall be removed from the area that will be required for the roadway including shoulders and ditches, and from similar areas required for side road approaches and inlet and outlet ditches. All such material will be disposed of by burning, burying at approved locations, or otherwise removed from the site and stacked. All burning shall conform to Alabama laws and regulations.

DRAINAGE STRUCTURES

Materials - pipe, steel, aggregates, cement, timbers, or other - shall be inspected by the technician before installation. Written certifications of conformance to specifications will be required if physical inspection is not conclusive.

Structures shall be on a firm foundation and installed to the neat lines and grades shown on the plans. Selected backfill shall be placed around rigid structures in four (4) inch layers and thoroughly compacted.

Joints of pipe will be sealed in accordance with the manufacturers' specifications. Pipes shall

not be laid directly on rock; there must be a soil cushion of at least 6 inches between the pipe and rock.

Concrete must be of the quality specified. Batching, placing, and curing will conform to procedures recommended by the Portland Cement Association. Mixes shall be in accordance to those specified.

Diversions and side ditches shall conform to the line, grade, and section as specified on the plans.

The outlet end of culverts shall terminate on natural ground unless protective outlet structures are installed.

CONSTRUCTION

The roadbed shall be graded to the required elevations for subgrade preparation and that portion of the roadbed on which subgrade is to be prepared shall be loosed to a depth of 6 inches and all stones, roots and other objectionable material removed and disposed of. The subgrade shall then be thoroughly compacted with a pneumatic tired or sheepsfoot roller. Soft spots discovered will be removed and replaced.

After completion of the subgrade, the base course will be laid; mixed as necessary to provide a homogeneous mixture; and thoroughly compacted, first with a sheepsfoot roller and then with a general purpose roller. Compaction of embankment, subgrade or base course, shall be undertaken only when the soil moisture level is adequate to permit the require degree of compaction.

Fill material for roadbeds and embankments shall be deposited in thin layers (maximum of 9 inches) and compacted with the controlled movement of the earth moving equipment.

Placement of the surface course shall be in accordance with sound highway construction practice for the surface material used.

Road shoulders and cut and fill slopes shall be stabilized in accordance with NRCS conservation practice standard Critical Area Planting, Code 342 or Mulching, Code 484, as appropriate.